Table 1. 2010 Summary Statistics

Item	Value	U.S. Rank
South Carolina		
NERC Region(s)		**SERC**
Primary Energy Source		**Nuclear**
Net Summer Capacity (megawatts)	**23,982**	**17**
Electric Utilities	22,172	9
Independent Power Producers & Combined Heat and Power	1,810	35
Net Generation (megawatthours)	**104,153,133**	**14**
Electric Utilities	100,610,887	6
Independent Power Producers & Combined Heat and Power	3,542,246	39
Emissions (thousand metric tons)		
Sulfur Dioxide	106	19
Nitrogen Oxide	30	33
Carbon Dioxide	41,364	23
Sulfur Dioxide (lbs/MWh)	2.2	30
Nitrogen Oxide (lbs/MWh)	0.6	45
Carbon Dioxide (lbs/MWh)	876	40
Total Retail Sales (megawatthours)	**82,479,293**	**19**
Full Service Provider Sales (megawatthours)	82,479,293	17
Direct Use (megawatthours)	**2,106,674**	**16**
Average Retail Price (cents/kWh)	**8.49**	**31**

MWh = Megawatthours.
kWh = Kilowatthours.
Sources: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 2. Ten Largest Plants by Generating Capacity, 2010

Plant	Primary Energy Source or Technology	Operating Company	Net Summer Capacity (MW)
South Carolina			
1. Oconee	Nuclear	Duke Energy Carolinas, LLC	2,538
2. Cross	Coal	South Carolina Pub Serv Auth	2,350
3. Catawba	Nuclear	Duke Energy Carolinas, LLC	2,258
4. Bad Creek	Pumped Storage	Duke Energy Carolinas, LLC	1,360
5. Winyah	Coal	South Carolina Pub Serv Auth	1,130
6. John S Rainey	Gas	South Carolina Pub Serv Auth	977
7. V C Summer	Nuclear	South Carolina Electric&Gas Co	966
8. H B Robinson	Nuclear	Progress Energy Carolinas Inc	912
9. Jasper	Gas	South Carolina Electric&Gas Co	852
10. Broad River Energy Center	Gas	Calpine Operating Services Company Inc	837

MW = Megawatt.
Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 3. Top Five Retailers of Electricity, with End Use Sectors, 2010
(Megawatthours)

Entity	Type of Provider	All Sectors	Residential	Commercial	Industrial	Transportation
South Carolina						
1. South Carolina Electric&Gas Co	Investor-Owned	22,921,978	8,790,593	8,268,383	5,863,002	-
2. Duke Energy Carolinas, LLC	Investor-Owned	21,703,078	7,285,181	5,947,110	8,470,787	-
3. South Carolina Pub Serv Auth	Public	10,951,323	1,858,980	2,139,307	6,953,036	-
4. Progress Energy Carolinas Inc	Investor-Owned	6,628,030	2,450,065	1,884,878	2,293,087	-
5. Berkeley Electric Coop Inc	Cooperative	1,772,151	1,258,744	277,237	236,170	-
Total Sales, Top Five Providers		63,976,560	21,643,563	18,516,915	23,816,082	-
Percent of Total State Sales		78	66	83	87	-

- (dash) = Data not available.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 4. Electric Power Net Summer Capacity by Primary Energy Source and Industry Sector, 2000 and 2004 Through 2010
(Megawatts)

Energy Source	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
South Carolina										
Electric Utilities	**17,716**	**20,406**	**20,787**	**21,019**	**21,730**	**22,152**	**22,190**	**22,172**	**94.8**	**92.5**
Coal	6,054	5,968	5,968	5,984	6,460	7,060	7,028	7,048	32.4	29.4
Petroleum	957	684	689	682	682	699	663	664	5.1	2.8
Natural Gas	779	3,712	3,708	3,923	3,956	3,919	3,964	3,966	4.2	16.5
Nuclear	6,445	6,472	6,472	6,472	6,472	6,472	6,486	6,486	34.5	27.0
Hydroelectric	1,271	1,316	1,324	1,321	1,315	1,314	1,314	1,317	6.8	5.5
Other Renewables[1]	-	3	9	20	20	23	20	26	-	0.1
Pumped Storage	2,211	2,251	2,616	2,616	2,826	2,666	2,716	2,666	11.8	11.1
Independent Power Producers and Combined Heat and Power	**969**	**1,790**	**1,765**	**1,764**	**1,836**	**1,860**	**1,781**	**1,810**	**5.2**	**7.5**
Coal	102	103	103	103	182	182	182	182	0.5	0.8
Petroleum	3	3	3	3	3	6	6	6	*	*
Natural Gas	607	1,430	1,408	1,404	1,400	1,417	1,347	1,342	3.2	5.6
Hydroelectric	26	24	24	24	23	23	23	23	0.1	0.1
Other Renewables[1]	231	230	227	230	230	233	223	258	1.2	1.1
Total Electric Industry	**18,685**	**22,196**	**22,551**	**22,782**	**23,566**	**24,012**	**23,971**	**23,982**	**100.0**	**100.0**
Coal	6,156	6,072	6,072	6,088	6,641	7,242	7,210	7,230	32.9	30.1
Petroleum	960	686	692	685	685	705	669	670	5.1	2.8
Natural Gas	1,385	5,143	5,116	5,327	5,355	5,335	5,311	5,308	7.4	22.1
Nuclear	6,445	6,472	6,472	6,472	6,472	6,472	6,486	6,486	34.5	27.0
Hydroelectric	1,297	1,340	1,348	1,345	1,337	1,337	1,337	1,340	6.9	5.6
Other Renewables[1]	231	233	236	250	250	256	244	284	1.2	1.2
Pumped Storage	2,211	2,251	2,616	2,616	2,826	2,666	2,716	2,666	11.8	11.1

[1] Other Renewables includes wood, black liquor, other wood waste, municipal solid waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Source: U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report."

Table 5. Electric Power Net Generation by Primary Energy Source and Industry Sector, 2000 and 2004 Through 2010
(Megawatthours)

Energy Source	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
South Carolina										
Electric Utilities	**90,421,081**	**94,406,828**	**99,104,373**	**95,872,763**	**99,997,011**	**97,921,204**	**97,336,653**	**100,610,887**	**96.9**	**96.6**
Coal	38,664,405	38,516,633	39,352,428	39,140,908	41,270,230	41,184,319	34,146,526	37,340,392	41.4	35.9
Petroleum	265,931	690,071	484,181	135,522	174,663	160,102	490,911	178,378	0.3	0.2
Natural Gas	188,038	2,527,103	4,153,040	4,742,493	4,599,720	4,610,728	8,876,536	9,322,755	0.2	9.0
Nuclear	50,887,700	51,200,640	53,137,554	50,797,372	53,199,914	51,762,950	52,149,734	51,988,079	54.5	49.9
Hydroelectric	1,497,013	2,382,225	2,858,778	1,766,438	1,523,502	1,100,451	2,277,232	2,313,465	1.6	2.2
Other Renewables[1]	-	239,246	317,067	409,929	439,597	369,219	372,158	402,520	-	0.4
Pumped Storage	-1,082,006	-1,149,090	-1,198,675	-1,119,899	-1,210,614	-1,266,564	-976,443	-934,701	-1.2	-0.9
Independent Power Producers and Combined Heat and Power	**2,925,159**	**3,533,101**	**3,410,292**	**3,394,843**	**3,405,130**	**3,056,801**	**2,788,833**	**3,542,246**	**3.1**	**3.4**
Coal	543,971	405,587	339,631	331,938	312,439	355,376	330,987	330,726	0.6	0.3
Petroleum	179,226	181,220	134,253	101,395	42,625	20,365	32,574	12,349	0.2	*
Natural Gas	744,864	1,270,755	1,261,143	1,325,568	1,364,839	1,118,260	903,656	1,604,482	0.8	1.5
Other Gases[2]	888	10	5,642	16	15	-	-	-	*	-
Hydroelectric	36,477	64,684	79,369	40,510	32,410	22,664	54,773	62,979	*	0.1
Other Renewables[1]	1,419,733	1,523,933	1,496,573	1,500,508	1,556,437	1,446,607	1,375,814	1,470,544	1.5	1.4
Other[3]	-	86,912	93,680	94,908	96,366	93,529	91,029	61,164	-	0.1
Total Electric Industry	**93,346,240**	**97,939,929**	**102,514,665**	**99,267,606**	**103,402,142**	**100,978,005**	**100,125,486**	**104,153,133**	**100.0**	**100.0**
Coal	39,208,376	38,922,220	39,692,059	39,472,846	41,582,670	41,539,695	34,477,512	37,671,118	42.0	36.2
Petroleum	445,157	871,291	618,434	236,917	217,287	180,467	523,484	190,727	0.5	0.2
Natural Gas	932,902	3,797,858	5,414,183	6,068,061	5,964,558	5,728,988	9,780,193	10,927,237	1.0	10.5
Other Gases[2]	888	10	5,642	16	15	-	-	-	*	-
Nuclear	50,887,700	51,200,640	53,137,554	50,797,372	53,199,914	51,762,950	52,149,734	51,988,079	54.5	49.9
Hydroelectric	1,533,490	2,446,909	2,938,147	1,806,948	1,555,912	1,123,115	2,332,005	2,376,444	1.6	2.3
Other Renewables[1]	1,419,733	1,763,179	1,813,640	1,910,437	1,996,034	1,815,825	1,747,971	1,873,064	1.5	1.8
Pumped Storage	-1,082,006	-1,149,090	-1,198,675	-1,119,899	-1,210,614	-1,266,564	-976,443	-934,701	-1.2	-0.9
Other[3]	-	86,912	93,680	94,908	96,366	93,529	91,029	61,164	-	0.1

[1] Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, other biomass, geothermal, solar thermal, photovoltaic energy, and wind.
[2] Other gases includes blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.
[3] Other includes non-biogenic municipal solid waste, batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, tire-derived fuels and miscellaneous technologies.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Note: Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms.

Table 6. Electric Power Delivered Fuel Prices and Quality for Coal, Petroleum, and Natural Gas, 2000 and 2004 Through 2010

Fuel, Quality	2000	2004	2005	2006	2007	2008	2009	2010
South Carolina								
Coal (cents per million Btu)	139	W	W	W	W	W	W	371
Average heat value (Btu per pound)	12,727	12,565	12,617	12,584	12,539	12,435	12,471	12,514
Average sulfur Content (percent)	1.08	1.24	1.24	1.29	1.25	1.34	1.43	1.47
Petroleum (cents per million Btu)[1]	672	W	W	W	W	W	804	1,119
Average heat value (Btu per gallon)	138,243	138,905	143,257	138,717	143,581	143,710	144,667	145,088
Average sulfur Content (percent)	0.22	3.67	2.42	2.89	1.05	1.12	1.78	1.82
Natural Gas (cents per million Btu)	557	W	W	787	792	1,017	407	464
Average heat value (Btu per cubic foot)	1,028	1,035	1,033	1,033	1,030	1,030	1,029	1,026

[1] Petroleum includes petroleum liquids and petroleum coke.
Btu = British thermal unit.
W = Withheld to avoid disclosure of individual company data.
Note: Due to different reporting requirements between the Form EIA-923 and historical FERC Form 423, the receipts data from 2008 and on are not directly comparable to prior years. There may be a notable increase in fuel receipts beginning with 2008. For more information, please see the Technical Notes in the Electric Power Annual.
Sources: U.S. Energy Information Administration, Form EIA-423, " Monthly Cost and Quality of Fuels for Electric Plants Report." Federal Energy Regulatory Commission, FERC Form 423, "Monthly Cost and Quality of Fuels for Electric Plants." U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report."

Table 7. Electric Power Industry Emissions Estimates, 2000 and 2004 Through 2010
(Thousand Metric Tons)

Emission Type	2000	2004	2005	2006	2007	2008	2009	2010
South Carolina								
Sulfur Dioxide								
Coal	195	207	206	206	161	150	95	95
Petroleum	3	5	4	4	3	*	1	*
Natural Gas	*	*	*	*	*	*	*	*
Other Renewables[1]	8	7	7	7	7	4	7	9
Other[2]	*	2	2	2	2	2	2	2
Total	207	221	218	219	173	156	105	106
Nitrogen Oxide								
Coal	83	60	47	44	41	40	19	24
Petroleum	1	1	1	1	1	*	*	*
Natural Gas	1	1	1	1	1	1	1	2
Other Gases	*	-	-	-	-	-	-	-
Other Renewables[1]	3	2	2	2	2	2	3	3
Other[2]	*	1	1	1	1	1	*	*
Total	89	65	51	49	46	44	24	30
Carbon Dioxide								
Coal	37,149	37,353	37,740	37,793	39,166	39,458	33,114	36,182
Petroleum	711	1,077	787	411	287	218	595	200
Natural Gas	581	1,738	2,489	2,793	2,807	2,546	4,115	4,776
Other Gases	2	*	16	*	*	-	-	-
Other[2]	105	252	286	299	311	321	297	206
Total	38,548	40,420	41,318	41,296	42,571	42,543	38,121	41,364

[1] Other Renewables includes biogenic municipal solid waste, wood, black liquor, other wood waste, landfill gas, sludge waste, agriculture byproducts, and other biomass.
[2] Other includes non-biogenic municipal solid waste, tire-derived fuels, and miscellaneous technologies.
* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is 1 and values under 0.5 are shown as *).
- (dash) = Data not available.
Note: CO2 emissions for the historical years 1998 - 2008 have been revised due to changes in emission factors.
Sources: Calculations made by the Electric Power Systems and Reliability Team; Office of Electricity, Renewables, and Uranium Statistics; U. S. Energy Information Administration.

Table 8. Retail Sales, Revenue, and Average Retail Prices by Sector, 2000 and 2004 Through 2010

Sector	2000	2004	2005	2006	2007	2008	2009	2010	Percentage Share	
									2000	2010
South Carolina										
Retail Sales (thousand megawatthours)										
Residential	25,270	27,910	28,676	28,539	29,569	29,727	29,556	32,852	32.8	39.8
Commercial	17,483	20,113	20,498	20,923	21,746	21,676	21,440	22,320	22.7	27.1
Industrial	33,308	31,886	32,080	31,416	30,632	29,247	25,421	27,307	43.2	33.1
Other	951	NA	NA	NA	NA	NA	NA	NA	1.2	--
All Sectors	77,012	79,908	81,254	80,877	81,948	80,651	76,417	82,479	100.0	100.0
Retail Revenue (million dollars)										
Residential	1,916	2,267	2,487	2,576	2,716	2,939	3,087	3,450	44.2	49.3
Commercial	1,110	1,390	1,515	1,591	1,684	1,826	1,873	1,986	25.6	28.4
Industrial	1,246	1,315	1,460	1,481	1,479	1,570	1,472	1,568	28.8	22.4
Other	60	NA	NA	NA	NA	NA	NA	NA	1.4	--
All Sectors	4,332	4,972	5,462	5,648	5,880	6,335	6,432	7,004	100.0	100.0
Average Retail Prices (cents/kWh)										
Residential	7.58	8.12	8.67	9.03	9.19	9.89	10.44	10.50	--	--
Commercial	6.35	6.91	7.39	7.60	7.74	8.42	8.74	8.90	--	--
Industrial	3.74	4.13	4.55	4.71	4.83	5.37	5.79	5.74	--	--
Other	6.29	NA	NA	NA	NA	NA	NA	NA	--	--
All Sectors	5.62	6.22	6.72	6.98	7.18	7.85	8.42	8.49	--	--

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 9. Retail Electricity Sales Statistics, 2010

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
South Carolina								
Number of Entities	4	22	NA	21	NA	NA	NA	47
Number of Retail Customers	1,372,753	337,569	NA	723,822	NA	NA	NA	2,434,144
Retail Sales (thousand megawatthours)	51,432	15,241	NA	15,806	NA	NA	NA	82,479
Percentage of Retail Sales	62.36	18.48	--	19.16	--	--	--	100.00
Revenue from Retail Sales (million dollars)	4,184	1,128	NA	1,692	NA	NA	NA	7,004
Percentage of Revenue	59.73	16.11	--	24.16	--	--	--	100.00
Average Retail Price (cents/kWh)	8.13	7.40	NA	10.71	NA	NA	NA	8.49

kWh = Kilowatthours.
NA = Not available.
-- = Not applicable.
Notes: Data are shown for All Sectors. Full Service Providers sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as independent Power Producers or other full service providers) prior to delivery. Other Providers sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. Federal entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its services. The cooperative will generate, transmit and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Non-utility" sales represent direct electricity transactions from independent generators to end use consumers. Totals may not equal sum of components because of independent rounding.
Source: U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report."

Table 10. Supply and Disposition of Electricity, 2000 and 2004 Through 2010
(Million Kilowatthours)

Category	2000	2004	2005	2006	2007	2008	2009	2010
South Carolina								
Supply								
Generation								
Electric Utilities	90,421	94,407	99,104	95,873	99,997	97,921	97,337	100,611
Independent Power Producers	179	486	735	730	771	753	430	1,034
Combined Heat and Power, Electric	565	855	595	623	619	506	650	770
Electric Power Sector Generation Subtotal	**91,165**	**95,747**	**100,435**	**97,225**	**101,387**	**99,179**	**98,416**	**102,414**
Combined Heat and Power, Commercial	67	87	82	84	69	60	41	2
Combined Heat and Power, Industrial	2,114	2,106	1,998	1,958	1,946	1,738	1,668	1,737
Industrial and Commercial Generation Subtotal	**2,181**	**2,193**	**2,080**	**2,042**	**2,015**	**1,799**	**1,709**	**1,739**
Total Net Generation	**93,346**	**97,940**	**102,515**	**99,268**	**103,402**	**100,978**	**100,125**	**104,153**
Total Supply	**93,346**	**97,940**	**102,515**	**99,268**	**103,402**	**100,978**	**100,125**	**104,153**
Disposition								
Retail Sales								
Full Service Providers	77,012	79,908	81,254	80,877	81,948	80,641	76,417	82,479
Facility Direct Retail Sales[1]	-	-	-	-	-	10	-	-
Total Electric Industry Retail Sales	**77,012**	**79,908**	**81,254**	**80,877**	**81,948**	**80,651**	**76,417**	**82,479**
Direct Use	**1,927**	**2,044**	**1,599**	**1,620**	**1,770**	**1,978**	**1,902**	**2,107**
Estimated Losses	**5,481**	**4,891**	**5,662**	**5,469**	**6,329**	**5,988**	**5,538**	**5,706**
Net Interstate Trade[2]	**8,926**	**11,097[R]**	**14,000**	**11,302**	**13,355**	**12,361**	**16,268**	**13,862**
Total Disposition	**93,346**	**97,940**	**102,515**	**99,268**	**103,402**	**100,978**	**100,125**	**104,153**
Net Trade Index (ratio)[3]	**1.11**	**1.13**	**1.16**	**1.13**	**1.15**	**1.14**	**1.19**	**1.15**

[1] Facility Direct Retail Sales are electricity sales from non utility power producers which reported electricity sales to a retail customer.
[2] Net Interstate Trade = Total Supply - (Total Electric Industry Retail Sales + Direct Use + Total International Exports (if applies) + Estimated Losses).
[3] Net Trade Index is the sum of Total Supply / (Total Disposition - Net Interstate Trade).
R = Revised.
- (dash) = Data not available.
Notes: Totals may not equal sum of components because of independent rounding. Estimated Losses are reported at the utility level, and then allocated to States based on the utility`s retail sales by State. Reported losses may include electricity unaccounted for by the utility. Direct use is commercial or industrial use of electricity that (1) is self-generated (2) is produced by either the same entity that consumes the power or an affiliate, and (3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use. Beginning with publication year 2010, Total disposition has been reorganized to include Net Interstate Trade. Therefore, Total Disposition equals Total Supply.
Sources: U.S. Energy Information Administration, Form EIA-923, "Power Plant Operations Report" and predecessor forms. U.S. Energy Information Administration, Form EIA-860, "Annual Electric Generator Report." U.S. Energy Information Administration, Form EIA-861, "Annual Electric Power Industry Report." DOE, Office of Electricity Delivery and Energy Reliability, Form OE-781R, "Annual Report of International Electric Export/Import Data," predecessor forms, and National Energy Board of Canada.